



VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claim 1 has been amended as follows.

1. (2x Amended) A method for identifying a single nucleotide polymorphism in an isothermal target amplification reaction, said method comprising:
  - a) hybridizing a detector primer to the target, wherein the detector primer comprises a diagnostic nucleotide for the single nucleotide polymorphism, said diagnostic nucleotide located about [one] two to four nucleotides 5' of the 3' nucleotide of the detector primer which is complementary to the target sequence;
  - b) amplifying the target by hybridization and extension of the detector primer;
  - c) determining an efficiency of detector primer extension is greater, lesser or equal to the efficiency of extension of a detector primer without said diagnostic nucleotide; and
  - d) detecting the presence or absence of the single nucleotide polymorphism based on the efficiency of detector primer extension.

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